

RECEIVED
CENTRAL FAX CENTER

002

MAY 09 2005

Rev. 12/09/04

FEE TRANSMITTAL For FY 2005 <small>Patent fees are subject to annual revision.</small>		Complete If Known Application Number: 10/658,358 Filing Date: 9/4/2003 First Named Inventor: Donna L. Robinson Examiner Name: N. Panaro Group/Art Unit: 1637 Attorney Docket No.: S-100,543																																																																																																																																																																																															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT: \$510.00																																																																																																																																																																																																	
METHOD OF PAYMENT (check all that apply)		FEES CALCULATION (continued)																																																																																																																																																																																															
1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee</td> <td>Fee</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>1001 \$300</td> <td>2001 \$150</td> <td>Basic Filing fee</td> <td>\$150.00</td> </tr> <tr> <td>1004 \$300</td> <td>2004 \$150</td> <td>Reissue Filing fee</td> <td>\$</td> </tr> <tr> <td>1111 \$500</td> <td>2111 \$250</td> <td>Search Fee</td> <td>\$250.00</td> </tr> <tr> <td>1311 \$200</td> <td>2311 \$100</td> <td>Examination Fee</td> <td>\$100.00</td> </tr> <tr> <td>1025 \$200</td> <td>2025 \$100</td> <td>Provisional Filing Fee</td> <td></td> </tr> <tr> <td>1065 \$250</td> <td>2065 \$125</td> <td>Provisional Size Fee (for each additional 50 sheets that exceeds 100 sheets)</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1)</td> <td colspan="2">\$500.00</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee	Fee	Fee Description	Fee Paid	1001 \$300	2001 \$150	Basic Filing fee	\$150.00	1004 \$300	2004 \$150	Reissue Filing fee	\$	1111 \$500	2111 \$250	Search Fee	\$250.00	1311 \$200	2311 \$100	Examination Fee	\$100.00	1025 \$200	2025 \$100	Provisional Filing Fee		1065 \$250	2065 \$125	Provisional Size Fee (for each additional 50 sheets that exceeds 100 sheets)		SUBTOTAL (1)		\$500.00																																																																																																																																																											
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																														
Fee	Fee	Fee Description	Fee Paid																																																																																																																																																																																														
1001 \$300	2001 \$150	Basic Filing fee	\$150.00																																																																																																																																																																																														
1004 \$300	2004 \$150	Reissue Filing fee	\$																																																																																																																																																																																														
1111 \$500	2111 \$250	Search Fee	\$250.00																																																																																																																																																																																														
1311 \$200	2311 \$100	Examination Fee	\$100.00																																																																																																																																																																																														
1025 \$200	2025 \$100	Provisional Filing Fee																																																																																																																																																																																															
1065 \$250	2065 \$125	Provisional Size Fee (for each additional 50 sheets that exceeds 100 sheets)																																																																																																																																																																																															
SUBTOTAL (1)		\$500.00																																																																																																																																																																																															
1. COMBINED FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001 \$300</td> <td>2001 \$150</td> <td>Basic Filing fee</td> <td>\$150.00</td> </tr> <tr> <td>1004 \$300</td> <td>2004 \$150</td> <td>Reissue Filing fee</td> <td>\$</td> </tr> <tr> <td>1111 \$500</td> <td>2111 \$250</td> <td>Search Fee</td> <td>\$250.00</td> </tr> <tr> <td>1311 \$200</td> <td>2311 \$100</td> <td>Examination Fee</td> <td>\$100.00</td> </tr> <tr> <td>1025 \$200</td> <td>2025 \$100</td> <td>Provisional Filing Fee</td> <td></td> </tr> <tr> <td>1065 \$250</td> <td>2065 \$125</td> <td>Provisional Size Fee (for each additional 50 sheets that exceeds 100 sheets)</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1)</td> <td colspan="2">\$500.00</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee	Fee Description	Fee Paid	1001 \$300	2001 \$150	Basic Filing fee	\$150.00	1004 \$300	2004 \$150	Reissue Filing fee	\$	1111 \$500	2111 \$250	Search Fee	\$250.00	1311 \$200	2311 \$100	Examination Fee	\$100.00	1025 \$200	2025 \$100	Provisional Filing Fee		1065 \$250	2065 \$125	Provisional Size Fee (for each additional 50 sheets that exceeds 100 sheets)		SUBTOTAL (1)		\$500.00		<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims -20** =</td> <td>X =</td> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>Independent -3 ** =</td> <td>X =</td> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>Claims</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent X 180</td> <td></td> <td>= \$</td> <td></td> <td></td> </tr> <tr> <td colspan="5">** or number previously paid, if greater; For Reissues, see below</td> </tr> <tr> <td colspan="5"> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202 \$50</td> <td>2202 \$25</td> <td></td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201 \$200</td> <td>2201 \$100</td> <td></td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203 \$360</td> <td>2203 \$180</td> <td></td> <td>Multiple dependent claim, if not paid.</td> <td></td> </tr> <tr> <td>1204 \$88</td> <td>2204 \$44</td> <td></td> <td>** Reissue Independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 \$18</td> <td>2205 \$9</td> <td></td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">APPLICATION SIZE FEE</td> </tr> <tr> <td colspan="5">3 _____</td> </tr> <tr> <td colspan="5">1061 \$250</td> <td>2061 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2) \$</td> <td></td> <td></td> </tr> <tr> <td colspan="5">(Include total of Claims Fees and Size Fee here)</td> <td></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL (3)</td> <td>\$510.00</td> </tr> <tr> <td colspan="5">Reduced by Basic Filing Fee Paid</td> <td></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 1</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 2</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 3</td> <td>\$510.00</td> </tr> <tr> <td colspan="5"></td> <td>TOTAL AMOUNT OF PAYMENT</td> <td>\$510.00</td> </tr> <tr> <td colspan="5">(Enter total amount at top of page)</td> <td></td> <td></td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="4"> SUBMITTED BY Printed Name: Mark N. Fitzgerald  </td> <td colspan="2"> Complete (if applicable) Reg. No. 48,300 Date: 05/09/2005 Telephone (505) 685-5187 </td> </tr> <tr> <td colspan="4"> Signature:  </td> <td colspan="2"></td> </tr> </tbody></table>		Large Entity	Small Entity	Fee	Fee Description	Fee Paid	Total Claims -20** =	X =	\$			Independent -3 ** =	X =	\$			Claims					Multiple Dependent X 180		= \$			** or number previously paid, if greater; For Reissues, see below					<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202 \$50</td> <td>2202 \$25</td> <td></td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201 \$200</td> <td>2201 \$100</td> <td></td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203 \$360</td> <td>2203 \$180</td> <td></td> <td>Multiple dependent claim, if not paid.</td> <td></td> </tr> <tr> <td>1204 \$88</td> <td>2204 \$44</td> <td></td> <td>** Reissue Independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 \$18</td> <td>2205 \$9</td> <td></td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">APPLICATION SIZE FEE</td> </tr> <tr> <td colspan="5">3 _____</td> </tr> <tr> <td colspan="5">1061 \$250</td> <td>2061 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2) \$</td> <td></td> <td></td> </tr> <tr> <td colspan="5">(Include total of Claims Fees and Size Fee here)</td> <td></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL (3)</td> <td>\$510.00</td> </tr> <tr> <td colspan="5">Reduced by Basic Filing Fee Paid</td> <td></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 1</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 2</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 3</td> <td>\$510.00</td> </tr> <tr> <td colspan="5"></td> <td>TOTAL AMOUNT OF PAYMENT</td> <td>\$510.00</td> </tr> <tr> <td colspan="5">(Enter total amount at top of page)</td> <td></td> <td></td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee	Fee Description	Fee Paid	1202 \$50	2202 \$25		Claims in excess of 20		1201 \$200	2201 \$100		Independent claims in excess of 3		1203 \$360	2203 \$180		Multiple dependent claim, if not paid.		1204 \$88	2204 \$44		** Reissue Independent claims over original patent		1205 \$18	2205 \$9		** Reissue claims in excess of 20 and over original patent		APPLICATION SIZE FEE					3 _____					1061 \$250					2061 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings		SUBTOTAL (2) \$							(Include total of Claims Fees and Size Fee here)												SUBTOTAL (3)	\$510.00	Reduced by Basic Filing Fee Paid												SUBTOTAL FROM 1	\$						SUBTOTAL FROM 2	\$						SUBTOTAL FROM 3	\$510.00						TOTAL AMOUNT OF PAYMENT	\$510.00	(Enter total amount at top of page)							SUBMITTED BY Printed Name: Mark N. Fitzgerald 				Complete (if applicable) Reg. No. 48,300 Date: 05/09/2005 Telephone (505) 685-5187		Signature: 					
Large Entity	Small Entity	Fee	Fee Description	Fee Paid																																																																																																																																																																																													
1001 \$300	2001 \$150	Basic Filing fee	\$150.00																																																																																																																																																																																														
1004 \$300	2004 \$150	Reissue Filing fee	\$																																																																																																																																																																																														
1111 \$500	2111 \$250	Search Fee	\$250.00																																																																																																																																																																																														
1311 \$200	2311 \$100	Examination Fee	\$100.00																																																																																																																																																																																														
1025 \$200	2025 \$100	Provisional Filing Fee																																																																																																																																																																																															
1065 \$250	2065 \$125	Provisional Size Fee (for each additional 50 sheets that exceeds 100 sheets)																																																																																																																																																																																															
SUBTOTAL (1)		\$500.00																																																																																																																																																																																															
Large Entity	Small Entity	Fee	Fee Description	Fee Paid																																																																																																																																																																																													
Total Claims -20** =	X =	\$																																																																																																																																																																																															
Independent -3 ** =	X =	\$																																																																																																																																																																																															
Claims																																																																																																																																																																																																	
Multiple Dependent X 180		= \$																																																																																																																																																																																															
** or number previously paid, if greater; For Reissues, see below																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202 \$50</td> <td>2202 \$25</td> <td></td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201 \$200</td> <td>2201 \$100</td> <td></td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203 \$360</td> <td>2203 \$180</td> <td></td> <td>Multiple dependent claim, if not paid.</td> <td></td> </tr> <tr> <td>1204 \$88</td> <td>2204 \$44</td> <td></td> <td>** Reissue Independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 \$18</td> <td>2205 \$9</td> <td></td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">APPLICATION SIZE FEE</td> </tr> <tr> <td colspan="5">3 _____</td> </tr> <tr> <td colspan="5">1061 \$250</td> <td>2061 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2) \$</td> <td></td> <td></td> </tr> <tr> <td colspan="5">(Include total of Claims Fees and Size Fee here)</td> <td></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL (3)</td> <td>\$510.00</td> </tr> <tr> <td colspan="5">Reduced by Basic Filing Fee Paid</td> <td></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 1</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 2</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL FROM 3</td> <td>\$510.00</td> </tr> <tr> <td colspan="5"></td> <td>TOTAL AMOUNT OF PAYMENT</td> <td>\$510.00</td> </tr> <tr> <td colspan="5">(Enter total amount at top of page)</td> <td></td> <td></td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee	Fee Description	Fee Paid	1202 \$50	2202 \$25		Claims in excess of 20		1201 \$200	2201 \$100		Independent claims in excess of 3		1203 \$360	2203 \$180		Multiple dependent claim, if not paid.		1204 \$88	2204 \$44		** Reissue Independent claims over original patent		1205 \$18	2205 \$9		** Reissue claims in excess of 20 and over original patent		APPLICATION SIZE FEE					3 _____					1061 \$250					2061 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings		SUBTOTAL (2) \$							(Include total of Claims Fees and Size Fee here)												SUBTOTAL (3)	\$510.00	Reduced by Basic Filing Fee Paid												SUBTOTAL FROM 1	\$						SUBTOTAL FROM 2	\$						SUBTOTAL FROM 3	\$510.00						TOTAL AMOUNT OF PAYMENT	\$510.00	(Enter total amount at top of page)																																																																																					
Large Entity	Small Entity	Fee	Fee Description	Fee Paid																																																																																																																																																																																													
1202 \$50	2202 \$25		Claims in excess of 20																																																																																																																																																																																														
1201 \$200	2201 \$100		Independent claims in excess of 3																																																																																																																																																																																														
1203 \$360	2203 \$180		Multiple dependent claim, if not paid.																																																																																																																																																																																														
1204 \$88	2204 \$44		** Reissue Independent claims over original patent																																																																																																																																																																																														
1205 \$18	2205 \$9		** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																														
APPLICATION SIZE FEE																																																																																																																																																																																																	
3 _____																																																																																																																																																																																																	
1061 \$250					2061 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings																																																																																																																																																																																												
SUBTOTAL (2) \$																																																																																																																																																																																																	
(Include total of Claims Fees and Size Fee here)																																																																																																																																																																																																	
					SUBTOTAL (3)	\$510.00																																																																																																																																																																																											
Reduced by Basic Filing Fee Paid																																																																																																																																																																																																	
					SUBTOTAL FROM 1	\$																																																																																																																																																																																											
					SUBTOTAL FROM 2	\$																																																																																																																																																																																											
					SUBTOTAL FROM 3	\$510.00																																																																																																																																																																																											
					TOTAL AMOUNT OF PAYMENT	\$510.00																																																																																																																																																																																											
(Enter total amount at top of page)																																																																																																																																																																																																	
SUBMITTED BY Printed Name: Mark N. Fitzgerald 				Complete (if applicable) Reg. No. 48,300 Date: 05/09/2005 Telephone (505) 685-5187																																																																																																																																																																																													
Signature: 																																																																																																																																																																																																	